



Inventor: Paul G. Cairns et al.
Title: Measurement-While-Drilling Assembly Using Real-Time Toolface
Serial No.: 10/629,268; Filed: July 29, 2003; Confirmation No.: 6684
Docket No.: 414-29494-US

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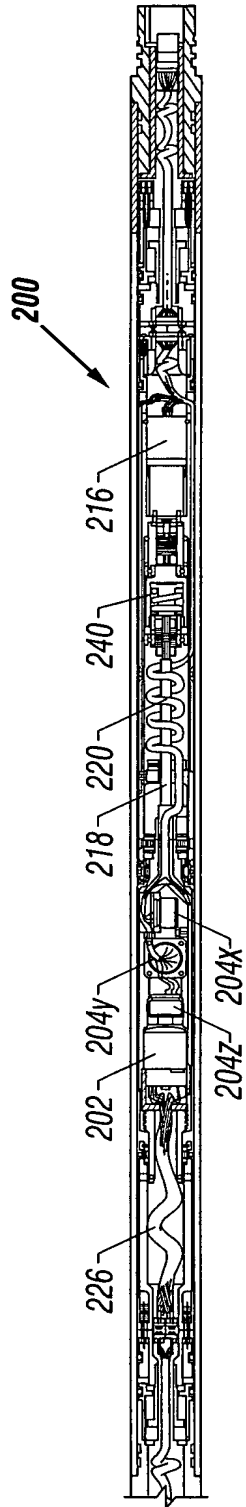


FIG. 2A

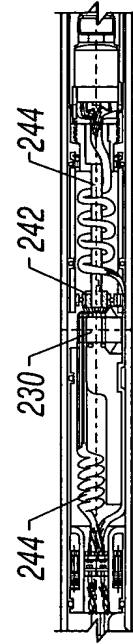


FIG. 2B



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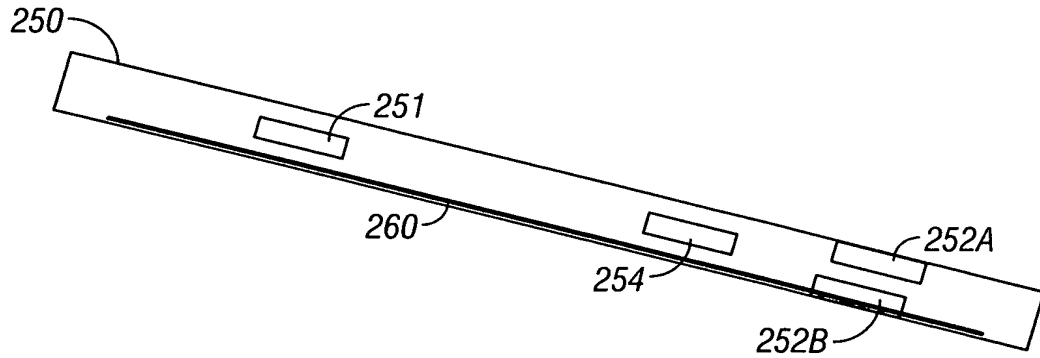


FIG. 3

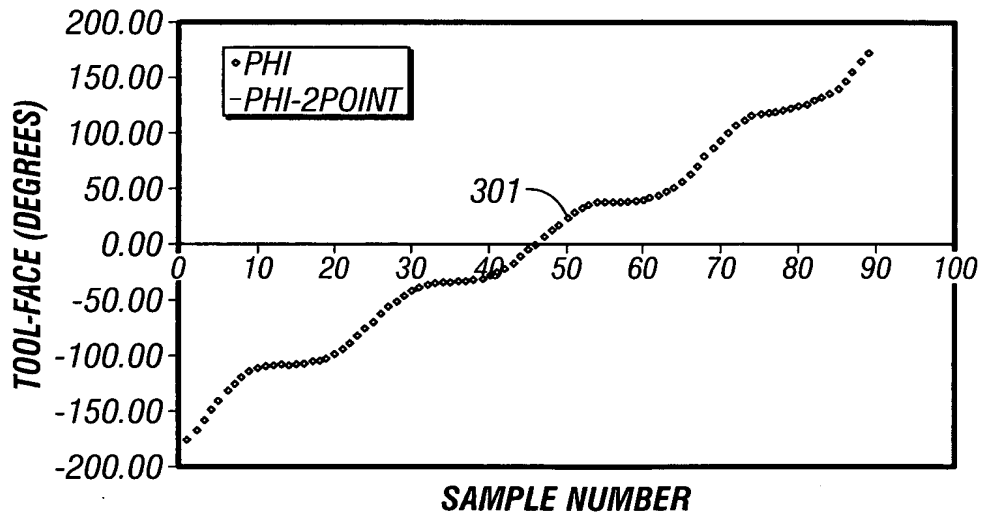


FIG. 4

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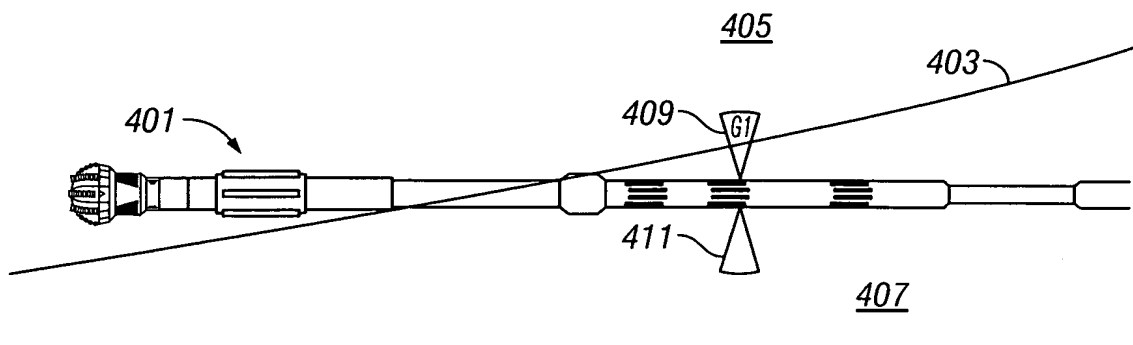


FIG. 7

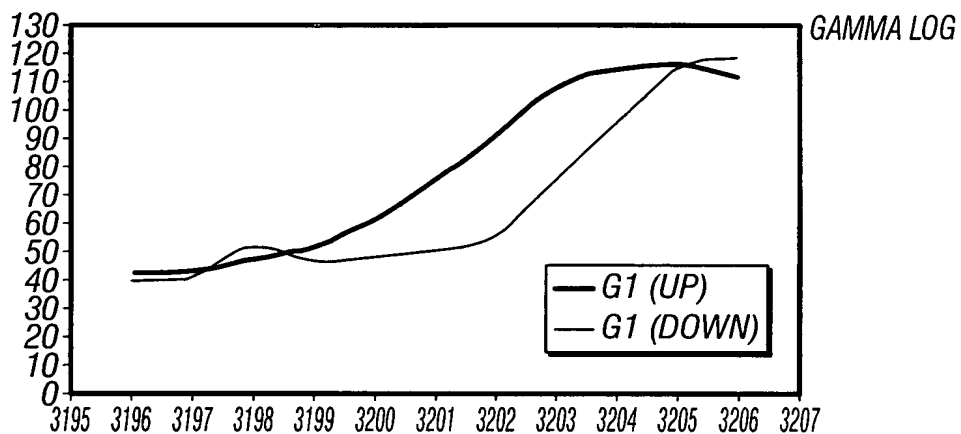


FIG. 8

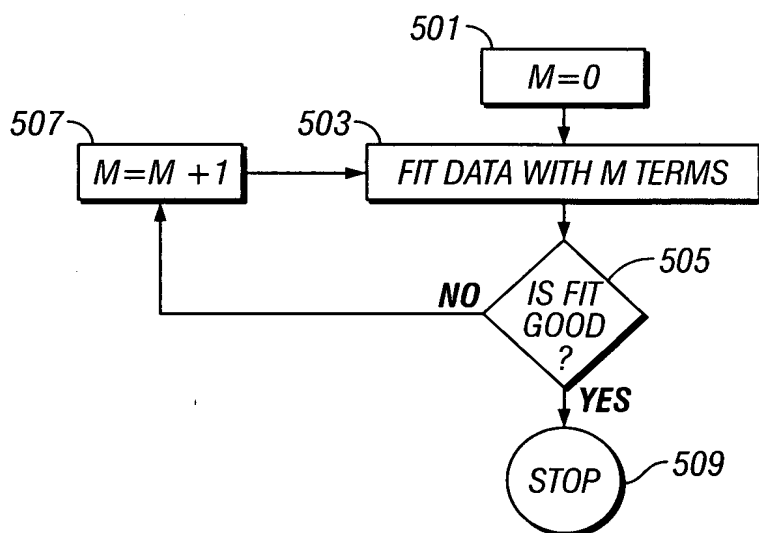


FIG. 9



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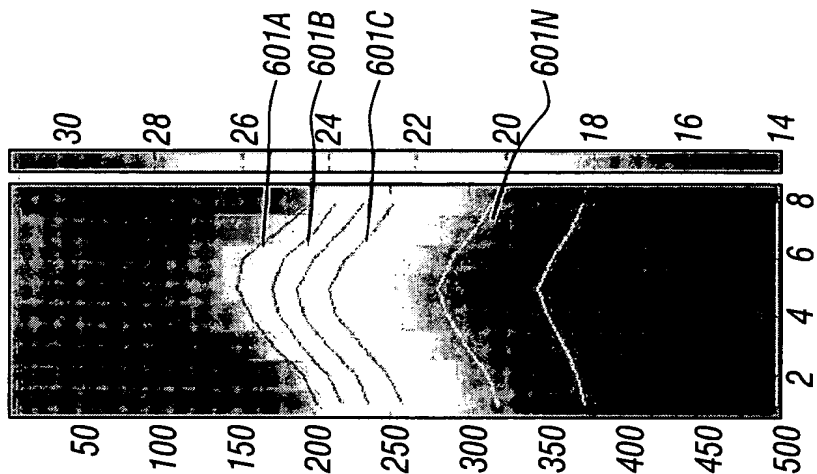


FIG. 10B

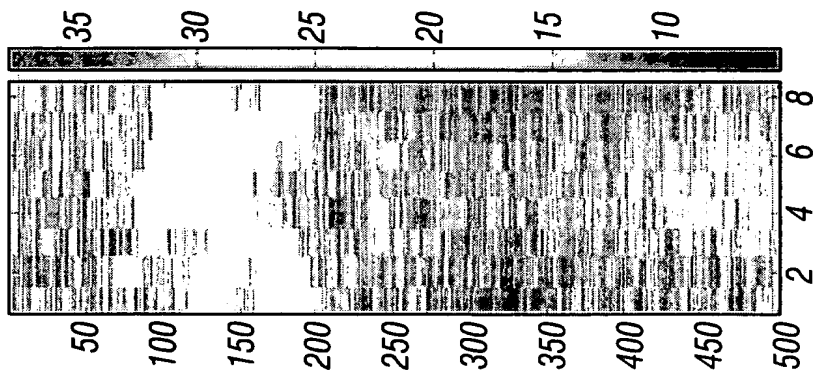


FIG. 10A